IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Response Under 37 C.F.R. § 1.116 Expedited Procedure

In re application of: Blackshear et al.

Application No. 10/511,362 Filed: October 15, 2004

Confirmation No. 3754

For: COMPOSITIONS AND METHODS FOR

DIAGNOSTICS AND THERAPEUTICS

FOR HYDROCEPHALUS

Examiner: Quang Nguyen, Ph.D.

Art Unit: 1633

Attorney Reference No. 4239-64828-02

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AMENDMENT AND RESPONSE AFTER FINAL ACTION

This Amendment is submitted in response to the Final Office action dated April 24, 2009, for which a three-month period for reply was set, making a response due on or before July 24, 2009. The Director is hereby authorized to charge any fees that may be required, or credit any overpayment, to Deposit Account No. 02-4550.

Amendment to the Specification is on page 2.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3.

Remarks begin on page 12.

An electronic copy of a replacement Sequence Listing (.txt) is submitted herewith.